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5-13-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY.'S DOCKET: BREDO=3

In re Application of:) Art Unit: 2635
BREDOW et al.)
Appln. No.: 09/991,869) Examiner:
Filing Date: November 26, 2001) Washington, D.C.
For: METHOD FOR OPERATING A) May 6, 2002
RADIO REMOTE CONTROL...) Confirmation No. 3268
)
)

SUPPLEMENT TO INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

RECEIVED

MAY 08 2002

Technology Center 2600

Sir:

Supplemental to the Information Disclosure Statement filed March 15, 2002, please find below an explanation of the relevance of the two references cited therein.

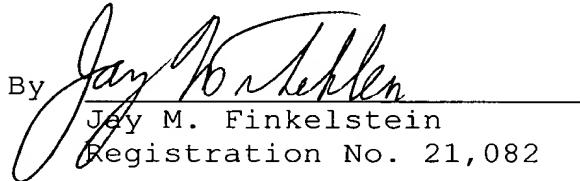
AA- The apparatus disclosed in this document aims to prevent erroneous control signals by the common technique of multi-path transmission by selecting the most reliable radio frequency path; there is no indication in this document how this multipath-technique might be used to monitor the distance between apparatus to be controlled and the transmitter sending the radio signal for remote control.

AB- This reference, filed by the present applicant, discloses to permanently supervise the angle formed by the connecting line between the industrial apparatus to be controlled and the transmitter with respect to the horizontal

ground lines. This angle is a function of the distance between the apparatus to be controlled and the transmitter. The apparatus to be controlled provides 2 separate receiving antennas which register the phase-difference of incoming radiowaves from the transmitter as well as circuitry to calculate from the measured phase differences the angle and thereby the distance between apparatus and transmitter. Discriminator circuits can be provided to prevent remote control activity when this angle exceeds a critical value which is representative for critical distance between apparatus and transmitter. Separate hardware (antennas and detecting circuits) are required for continuously monitoring the distance.

Respectfully submitted,

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